

Publication

EP 0609006 A3 19940831

Application

EP 94300364 A 19940119

Priority

US 1138193 A 19930129

Abstract (en)

[origin: EP0609006A2] An infeed apparatus for an article handling system includes an infeed lane (12) for guiding a flow of articles in a facewise nested condition. A separating station (16) is located along the infeed lane (12) for receiving the flow of articles and a separating device (18) located adjacent the separating station separates the articles into groups (15) of articles of a predetermined length. A shuttle (20) receives a group (15) of articles from the separating device (18) and transports the group (15) of articles to an infeed station (22) located along the infeed lane (12) at a location remote from the separating station (16). A trailing end hold-up (24) engages a trailing end of a group (15) of articles in the infeed station (22) to permit the shuttle (20) to return to the separating station (16) to receive a subsequent group of articles. <IMAGE>

IPC 1-7

B65G 47/08; **B65G 47/51**; **B65G 65/00**; **B65B 35/30**

IPC 8 full level

B65B 35/36 (2006.01); **B65G 47/08** (2006.01); **B65G 47/28** (2006.01); **B65G 47/88** (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP US)

B65G 47/082 (2013.01 - EP US)

Citation (search report)

- [XY] EP 0495580 A1 19920722 - FLEETWOOD SYST INC [US]
- [XY] EP 0342825 A2 19891123 - FLEETWOOD SYST INC [US]
- [Y] DE 8518043 U1 19850926
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- [A] EP 0161110 A2 19851113 - AZIONARIA COSTRUZIONI ACMA SPA [IT]
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Designated contracting state (EPC)

BE DE DK ES FR GB IE IT NL PT SE

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EP 0609006 A2 19940803; **EP 0609006 A3 19940831**; **EP 0609006 B1 19980318**; CA 2113984 A1 19940730; DE 69409017 D1 19980423; DE 69409017 T2 19980702; JP H06278854 A 19941004; US 5441382 A 19950815

DOCDB simple family (application)

EP 94300364 A 19940119; CA 2113984 A 19940121; DE 69409017 T 19940119; JP 2638794 A 19940128; US 1138193 A 19930129